

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

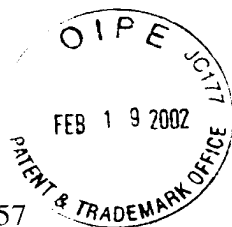
In re Patent Application of

Misako MIZUNO et al.

Application No.: 09/577,657

Filing Date: May 25, 2000

For: GENE ENCODING CAFFEINE
SYNTHESIS SYSTEM ASSOCIATED
ENZYME AND USE THEREOF



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)
) Group Art Unit: 1638

)
) Examiner: A. Kubelik

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)
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) TECH CENTER 1600/2900

AMENDMENT AND REPLY

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In complete response to the Official Action mailed on October 16, 2001, please
amend the above-referenced application as follows:

IN THE CLAIMS:

Please cancel claims 11, 12, 18 and 19 without prejudice or disclaimer of the subject
matter recited therein.

Kindly replace claims 1-7, 13-14, 16-17 and 20-23 with the amended claims below.

1. (Amended) An isolated DNA molecule comprising any of the following
nucleotide sequences:

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